

OHIO AGRICULTURAL EXPERIMENT STATION
Lane Avenue Farm Columbus, Ohio

Department of Horticulture Mimeograph Series No. 213
January 3, 1961

SWEET CORN VARIETY TRIALS - 1960
Columbus, Ohio

Walter N. Brown*

The 1960 sweet corn evaluation trials at Columbus consisted of 84 varieties planted on June 16. Each of the varieties were planted in single row plots replicated five times. Each plot consisted of twenty-one spaced eighteen inches in the row with thirty-six inches between rows. Four kernels per hill were planted by hand jabber. Stand counts were made at the two-three true-leaf stage to determine germination and later the seedlings were thinned to two plants per hill permitting a maximum stand of 19,360 plants per acre.

Rye cover crop was plowed down April 21 with 20 T. of manure, and 675 lbs./A of 15-15-15 was drilled and disced in on April 28. Overhead irrigation was applied as needed. Plants were not sprayed for control of flea beetle, corn borer, or corn ear worm.

For the yield records only marketable size ears were included, however, some ears damaged by earworm were included, since it was assumed that insects could have been controlled by the use of suitable treatments.

The symbols and rating systems used are as follows:

Average Depth of Kernel: Average length of 3 kernels from center section of 3 ears selected at random from each plot.

Color of Kernel: LY = light yellow, MY = medium yellow, DY = dark yellow; B = bright, I = intermediate, D = dull.

Ease of Snapping: 1 - very difficult to 5 - easily snapped.

Shanks: 1 - long, over 6 inches to 5 - short 1 inch or less.

Flag Number: 1 - none to 5 - over eight.

Flag Length: 1 - less than 2 inches to 5 - over eight inches.

Tip Cover - 1 - exposed to 5 - long, extending 3 inches or more.

Silk Cover: 1 - dark brown to 5 - clear or white.

Husk Color: 1 - light green and dull to 5 - dark glossy green.

Husk Tightness: 1 - loose to 5 - tight.

General Uniformity: 1 - poor to 5 - excellent.

SOURCES OF SEED

<u>Code</u>	<u>Source</u>
A ₁	Abbott & Cobb, 4744 Frankford Avenue, Philadelphia 24, Pa.
A ₂	Asgrow Seed Co. Inc., 272 George St., New Haven 2, Conn.
B ₁	W. Atlee Burpee & Co., Huntington Park at 18th St., Philadelphia 32, Pa.
C ₁	Cornell Seed Co., 101 Chouteau Ave., St. Louis 2, Mo.
F ₁	Ferry-Morse Seed Co., P O Box 254, Racine, Wisc.
H ₁	Joseph Harris Co., Inc. Moreton Farm, Rochester 11, N.Y.
H ₂	Holmes Seed Co., 1017 9th St, S.W., Canton 11, Ohio
L ₁	Livingston Seed Co., 880 Kinnear Rd., Columbus 12, Ohio
L ₂	Letherman's Seed Co., 501 McKinley Ave., N.W, Canton 2, Ohio
M ₁	Michael-Leonard (SRS), P.O. Box 987, Davenport, Iowa
N ₁	Northrup-King & Co., 1500 Jackson St., N.E, Minneapolis 13, Minn.
R ₁	Robson Quality Seeds, Inc., Hall, New York.
R ₂	Rogers Brothers Seed Co., P.O. Box 2188, Idaho Falls, Idaho.

GENERAL COMMENTS

Growing conditions during June and July were cooler than normal, with slightly above normal rainfall at University Farm. August and September recorded above normal temperatures with heavy rains at University Farm in August. The departures from normals are given below:

	Temperatures (Municipal Airport) (Departure)	Precipitation (Municipal Airport) (Univ. Farm) (Departure) (Actual)
June	-1.0	-1.86 3.74
July	-2.6	+ .69 5.30
August	+2.5	- .73 4.00
September	+1.8	-2.08 .60

*Dept. of Horticulture, Ohio Agr. Exp. Sta., 1827 Neil Ave., Columbus 10, Ohio

TABLE 1

SWEET CORN VARIETY TRIALS - COLUMBUS, OHIO 1960

	VARIETY and Lot Number		Source	Days to First Harvest	Marketable Yield/Acre		Average Weight of Ears Unhusked	Average Length of Ears Husked	Average Diameter of Ears Husked	Percentage of Ears Having Given Number of Rows of Kernels								Average Depth of Kernel	Color Kernel	Ear Smut	Ear Worm	Ease of Snapping (1-5)	Shanks (1-5)	Flag Number (1-5)	Flag Length (1-5)	Tip Cover (1-5)	Silk Color (1-5)	Husk Color (1-5)	Husk Tightness (1-5)	General Uniformity (1-5)
					Dozens of Ears	Weight (Tons)				8	10	12	14	16	18	20	22													
				Doz.	Tons	Lbs.	In.	In.	%	%	%	%	%	%	%	mm.		%	%						%					
1.	North Star	1862	H1	61	1421	5.3	.62	7.5	1.6	-	30	70	-	-	-	-	7.67	MYB	0	8.8	5	4	3	4	3	4	3	2	2	
5.	Seneca Sunbeam	1010	R1	62	1583	6.5	.68	7.6	1.6	5	5	50	25	15	-	-	7.67	LYI	0	8.8	4	3	3	3	2	4	3	3	3	
3.	Golden Beauty	1849T	H1	62	1598	5.2	.55	7.6	1.6	5	5	90	-	-	-	-	8.0	MYB	0.9	7.7	4	4	3	3	3	4	3	3	3	
2.	Gold Crest	1-5595	K2	62	1606	4.8	.50	7.5	1.5	10	-	80	10	-	-	-	7.67	MYI	0.5	8.5	3	4	3	4	3	4	3	3	4	
12.	Northerncross	1844	H1	64	1659	6.7	.67	7.9	1.7	-	-	65	30	5	-	-	7.67	MYI	0	2.3	3	4	4	5	3	4	3	2	3	
6.	Morning Sun	1275	H2	64	1529	5.9	.65	8.0	1.6	-	-	35	60	5	-	-	8.67	LYB	1.0	8.0	4	4	3	4	2	2	3	2	4	
4.	Seneca Beauty	1159	R1	64	1644	5.5	.56	7.8	1.6	-	-	85	15	-	-	-	8.33	MYB	0	7.9	3	4	3	3	3	4	3	3	4	
18.	Artic	20079	M1	64	1590	5.4	.57	7.4	1.6	10	45	40	5	-	-	-	7.33	MYB	0	12.6	4	4	3	4	3	4	2	2	2	
7.	Early Sunglow	1-8748	L1	64	1598	4.5	.47	6.9	1.5	5	15	80	-	-	-	-	8.0	DYI	0	16.3	4	4	3	3	3	4	4	5	3	
13.	Northern Belle	1826	H1	67	1721	6.7	.65	8.3	1.6	-	-	5	35	60	-	-	7.0	MYB	0	5.0	3	4	3	3	3	3	3	3	4	
10.	Carmelcross	1847	H1	67	1567	6.5	.68	8.4	1.7	-	-	65	35	-	-	-	6.67	MYB	0	4.5	3	4	4	4	3	3	3	4	4	
9.	Golden Hybrid G-101- ST88038		R2	67	1667	6.1	.61	8.2	1.7	5	5	90	-	-	-	-	7.67	Myb	0	6.9	4	4	3	3	3	4	2	3	4	
14.	Honey Gold	1280	H2	67	1567	5.8	.62	8.2	1.6	-	-	60	40	-	-	-	7.67	MYI	0.5	16.2	3	4	4	4	2	3	3	3	4	
11.	Seneca Carmelcross	1619	R1	69	1598	7.3	.76	8.5	1.7	-	-	45	15	40	-	-	9.0	MYI	1.0	5.3	4	4	4	4	3	4	3	3	3	
20.	Tesure Gold	2345-1	F1	69	1644	7.2	.73	8.9	1.7	-	-	30	45	25	-	-	8.33	MYB	0.9	11.2	3	4	4	4	3	4	3	3	3	
16	Garden Gold	28983	F1	67	1452	5.5	.63	7.7	1.7	-	-	95	5	-	-	-	7.0	MYI	0	12.5	4	4	3	3	3	3	3	3	3	

LSD @ 5% Level

201

0.9

Table 1 (cont'd)

VC 61, p.2

SWEET CORN VARIETY TRIALS - COLUMBUS, OHIO, 1960

Row No.	VARIETY and Lot Number		Source	Days in First Harvest			Average Weight of Ears Unhusked	Average Length of Ears Husked	Average Diameter of Ears Husked	Percentage of Ears Having Given Number of Rows of Kernels								Average Depth of Kernel	Color Kernel	Ear Smut	Ear Worm	Ease of Snapping (1-5)	Shanks (1-5)	Flag Number (1-5)	Flag Length (1-5)	Tip Cover (1-5)	Silk Color (1-5)	Husk Color (1-5)	Husk Tightness (1-5)	General Uniformity(1-5)
					Dozens of Ears	Weight (Tons)	Lbs	In.	In.	8	10	12	14	16	18	20	22	mm		%	%									
15	Sugar King	1274	H ₂	69	1490	6.5	.72	8.4	1.6	-	-	-	30	70	-	-	-	8.33	MYI	0	10.5	3	3	4	4	2	2	3	4	3
22	Barbecue	1850	H ₁	69	1636	5.9	.59	8.9	1.7	-	-	95	5	-	-	-	-	7.33	MYI	0	6.6	3	4	3	4	3	4	3	4	3
17	Golden Emblem	21182	F ₁	69	1629	5.6	.57	8.0	1.6	-	-	100	-	-	-	-	-	8.0	MYB	0.5	4.3	3	4	3	3	3	3	3	3	3
19	Alberta Gold	3341981	M ₁	69	1637	5.4	.55	7.8	1.5	15	55	30	-	-	-	-	-	6.0	MYB	0.5	6.6	4	4	3	3	3	4	3	3	2
51	Golden Pirate A	28411-13182	F ₁	71	1828	9.8	.90	8.2	2.0	-	-	-	-	40	35	15	10	7.33	MYI	0.4	7.1	3	4	4	4	3	4	4	2	4
35	Hybrid 102A	28415	F ₁	71	1744	8.9	.85	8.0	1.9	-	-	-	5	15	40	35	5	10.33	MYB	0	9.3	3	3	4	4	3	4	3	2	4
45	Golden Hybrid 18	199	A ₁	71	1567	8.0	.85	7.7	1.9	-	-	-	-	15	20	55	10	7.33	LYB	0	4.0	2	2	3	3	3	3	3	3	5
21	Asgrow Golden 22	24394	A ₂	71	1529	7.6	.83	8.4	1.7	-	-	45	40	15	-	-	-	6.67	MYI	0	9.5	3	3	4	3	3	4	4	3	3
31	Hybrid 103	26169	F ₁	71	1598	7.6	.79	8.4	1.8	-	-	20	35	45	-	-	-	7.0	DYI	1.0	7.6	3	4	4	4	3	5	3	2	4
32	Gold Cup	1858	H ₁	71	2051	7.6	.62	7.6	1.6	-	-	10	5	60	25	-	-	6.67	MYB	0	11.0	3	4	4	3	2	2	3	4	5
23	F-M Cross	1846	H ₁	71	1544	7.1	.76	8.7	1.8	-	-	20	10	60	10	-	-	6.33	MYB	0.5	12.2	3	4	3	3	3	3	3	4	4
30	Melgold WS	98022	R ₂	71	1483	6.7	.75	9.0	1.9	-	-	15	50	35	-	-	-	8.67	DYB	0.5	17.3	3	4	3	3	2	4	3	4	5
33	Asgrow Golden 25	74530-222	A ₂	71	1529	6.6	.72	9.3	1.7	-	-	35	50	15	-	-	-	7.67	MYB	0	18.6	3	4	4	4	3	3	3	3	3
25	Exp. Hyb. (compare F-MX)	63339C	N ₁	71	1521	6.2	.68	8.3	1.7	-	-	-	5	10	35	50	-	9.67	LYI	0	6.6	3	4	3	3	3	4	3	3	3
27	Earlichief	20118	M ₁	71	1583	6.0	.63	8.0	1.6	-	-	55	30	15	-	-	-	8.67	MYI	0	8.7	3	4	3	4	3	3	3	2	3
56	NK 199	3052/B89	N ₁	74	1675	8.5	.85	7.9	2.1	-	-	-	-	-	25	45	30	8.67	DYI	0	13.3	3	3	3	3	3	2	3	3	3

LSD @ 5% Level

201 0.9

Row No.	VARIETY and Lot Number		Source	Days to First Harvest	Marketable Yield/Acre		Average Weight of Ears Unhusked	Average Length of Ears Husked	Average Diameter of Ears Husked	Percentage of Ears Having given Number of Rows of Kernels								Average Depth of Kernel	Color Kernel	Ear Smut	Ear Worm	Ease of Snapping (1-5)	Shanks (1-5)	Flag Number (1-5)	Flag Length (1-5)	Tip Cover (1-5)	Silk Color (1-5)	Husk Color (1-5)	Husk Tightness (1-5)	General Uniformity(1-5)			
					Dozens of Ears	Weight (Tons)				Lbs	In.	In.	8	10	12	14	16														18	20	22
				Doz .	Tons					%	%	%	%	%	%	%	mm		%	%							%						
34	Foremost Y-2	23488	F ₁	74	1667	7.9	.79	8.6	1.8	-	-	5	50	45	-	-	-	5.33	LYB	0	12.2	4	3	4	4	3	4	3	4	3			
28	Evertender C	3326905	M ₁	74	1782	7.6	.71	8.2	1.8	-	-	5	55	40	-	-	-	7.0	MYB	0	14.7	2	4	4	4	3	4	3	4	3			
36	Tendermost Reg.	3339905	M ₁	74	1644	7.4	.75	8.4	1.8	-	-	-	-	30	60	10	-	6.67	MYI	0.5	14.6	3	4	3	3	3	2	3	3	2			
80	XP-1203	M58499	A ₂	74	1798	7.4	.69	8.4	1.8	-	-	-	20	65	15	-	-	7.33	DYB	0	18.1	4	4	3	4	4	3	4	4	4			
26	Exp. Hyb. 63420 (compare F-MX)		N ₁	74	1583	7.1	.75	8.4	1.8	-	-	5	-	10	30	30	25	8.0	MYI	0.5	13.2	3	4	3	3	3	4	3	4	2			
53	NK 81-51027	3027/1987	N ₁	74	1583	7.1	.75	8.8	1.8	-	-	-	5	75	20	-	-	7.0	MYI	0.5	15.2	3	4	3	4	3	4	4	4	4			
49	Golden-Cross Bantam	1860	H ₁	74	1636	6.7	.68	8.0	1.6	-	-	50	50	-	-	-	-	6.67	MYI	0.4	20.2	3	4	4	4	3	4	3	2	4			
42	Exp. Hyb. 2332 (Compare Tender-- most)		N ₁	74	1583	6.6	.69	8.4	1.7	-	-	-	-	10	45	45	-	6.0	MYI	0	9.3	3	4	4	3	4	5	3	4	4			
24	Yukon	20129	M ₁	74	1859	6.5	.58	8.7	1.5	-	-	30	60	10	-	-	-	6.33	DYB	0	23.1	3	4	3	3	2	3	3	3	3			
40	Wonderful	1953	H ₁	74	1729	6.5	.62	8.6	1.6	-	-	40	40	20	-	-	-	6.67	MYB	2.8	14.6	3	4	3	4	3	3	3	4	4			
29	Deligold	3306901	M ₁	74	1729	6.4	.62	8.3	1.7	-	-	5	35	40	15	5	-	6.67	DYI	1.8	22.9	4	3	4	4	3	4	3	3	3			
47	Golden Hybrid 2378	88044	R ₂	75	2228	10.1	.76	8.0	1.8	-	-	-	5	70	25	-	-	7.0	DYI	0	15.7	3	3	3	4	4	4	4	4	4			
55	Hybrid 105	89794	F ₁	75	2105	8.5	.67	8.8	1.7	-	-	5	40	45	10	-	-	6.67	MYB	0	20.8	2	3	4	4	3	3	4	4	3			
46	Gold Key	86053-13120	F ₁	75	1732	8.1	.77	8.0	1.8	-	-	10	50	40	-	-	-	7.33	MYI	0	26.2	3	3	3	4	3	4	4	4	3			
57	NK 1304	3063/B3	N ₁	75	1675	7.5	.75	8.8	1.7	-	-	75	25	-	-	-	-	6.33	MYI	0	12.8	3	33	4	4	3	4	4	4	3			
69	Surecross	5143	B ₁	75	1659	7.5	.76	9.1	1.7	-	-	35	40	25	-	-	-	6.33	MYI	0	22.2	4	4	4	4	3	4	3	3	3			

LSD @ 5% level

201 0.9

TABLE 1 Cont'd.

VC 61 p. 4

SWEET CORN VARIETY TRIALS - COLUMBUS, OHIO, 1960

Row No.	VARIETY AND Lot Number			Source	Days to First Harvest	Marketable Yield/Acre		Average Weight of Ears Unhusked	Average Length of Ears Husked	Average Diameter of Ears Husked	Percentage of Ears Having Given Number of Rows of Kernels								Average Depth of Kernel	Color Kernel	Ear Smut	Ear Worm	Ease of Snapping (1-15)	Shanks (1-5)	Flag Number (1-5)	Flag Length (1-5)	Tip Cover (1-5)	Silk Color (1-5)	Husk Color (1-5)	Husk Tightness (1-5)	General Uniformity (1-5)
						Dozens of Ears	Weight (Tons)				8	10	12	14	16	18	20	22													
						Doz.	Tons				%	%	%	%	%	%	%	%													
68	Sweetangold	--	C ₁	75	1529	7.3	.79	9.1	1.8	-	-	-	-	50	40	10	-	6.0	MYI	0	24.4	3	4	3	3	3	3	4	3	3	
41	Seneca Chief	1390	R ₁	75	1852	7.2	.65	8.4	1.6	-	10	40	35	15	-	-	-	6.67	MYI	0.8	8.1	3	3	3	5	3	4	4	4	4	
50	Dominator	98001	R ₂	75	1598	7.2	.75	8.5	1.7	-	-	80	15	5	-	-	-	6.0	MYB	0	21.8	3	4	3	3	4	4	3	3	3	
44	Golden Challenger	1-9743	L ₁	75	1506	6.8	.75	8.6	1.6	-	10	75	10	5	-	-	-	7.33	MYB	0	16.3	4	4	3	4	4	33	3	4	2	
60	Superchief	--	C ₁	75	1483	6.2	.70	7.3	1.8	-	-	-	5	45	45	5	-	5.67	MYI	0	15.5	3	3	3	3	3	2	3	3	4	
43	Sugarcross	20108	M ₁	75	1590	5.5	.57	8.3	1.6	10	30	45	10	5	-	-	-	7.0	DYB	3.4	25.4	3	4	3	4	2	4	3	3	3	
70	Eatmore	20858	M ₁	75	1644	6.0	.61	8.0	1.7	-	-	5	25	70	-	-	-	7.0	MYI	1.4	25.2	3	4	3	3	3	4	3	4	4	
52	Seneca Wampum	1068	R ₁	76	1875	9.4	.84	8.5	1.7	-	-	30	45	75	-	-	-	7.0	DYB	0.3	21.9	4	3	4	4	4	4	3	4	3	
59	Longchief	3309993	M ₁	76	1529	8.8	.96	8.8	2.0	-	-	-	-	10	55	30	5	7.67	DYB	0	31.5	3	3	3	3	3	4	3	4	4	
62	Asgrow Golden 60	74568-230	A ₂	76	1621	8.7	.89	8.8	1.8	-	-	5	35	30	25	5	-	7.33	MYB	0	27.5	3	3	3	3	3	4	4	3	3	
48	Golden Hybrid R-8	98018	R ₂	76	1852	8.0	.72	9.6	1.7	-	-	15	30	45	10	-	-	7.0	MYI	0.4	20.1	3	2	4	5	2	4	3	4	4	
58	Finegold	3369981	M ₁	76	1713	7.8	.76	8.6	1.8	-	-	-	-	5	15	45	35	7.33	MYI	0.4	17.6	3	4	2	3	3	3	3	4	4	
37	Tendermost C	20269	M ₁	76	1744	7.7	.74	8.2	1.8	-	-	5	65	25	5	-	-	7.33	MYI	0.5	15.9	3	3	3	3	3	4	3	4	3	
63	Golden Sensation	--	M ₁	76	1913	7.5	.65	8.8	1.8	-	-	10	45	40	5	-	-	7.0	DYB	0.4	13.0	3	3	3	3	3	4	3	4	4	
61	Iochief	625	H ₂	76	1575	7.3	.77	8.6	1.9	-	-	5	10	45	30	10	-	6.67	MYI	0	30.2	2	4	3	3	2	3	3	3	3	
38	Tendermost WS	20198	M ₁	76	1544	6.7	.72	8.9	1.7	-	-	5	20	55	20	-	-	7.0	MYI	0.5	26.9	3	3	3	3	2	4	3	4	3	

LSD @ 5% Level

201 0.9

Table 1 (Cont'd)

VC 61 p. 5

SWEET CORN VARIETY TRIALS - COLUMBUS, OHIO 1960

Rq# No.	VARIETY and Lot Number			Source	Days to First Harvest	Marketable Yield/Acre		Average Weight of Ears Unhusked	Average Length of Ears Husked	Average Diameter of Ears Husked									Average Depth of Kernel	Color Kernel	Ear Smut	Ear Worm	Ease of Snapping (1-5)	Shanks (1-5)	Flag Number (1-5)	Flag Length (1-5)	Tip Cover (1-5)	Silk Color (1-5)	Husk Color (1-5)	Husk Tightness (1-5)	General Uniformity (1-5)
						Dozens of Ears	Weight (Tons)				8	10	12	14	16	18	20	22													
				Doz.	Tons	Lbs.	In.	In.	%	%	%	%	%	%	%	%	mm		%	%							%				
39	Tendermost H	30572	M ₁	76	1352	6.3	.78	9.4	1.8	-	-	-	5	45	30	20	-	6.33	MYI	0	31.1	3	3	3	3	3	3	3	3	4	4
54	NK 85	1982F20	N ₁	76	1475	6.3	.71	7.7	1.8	-	-	-	-	50	45	5	-	7.0	MYI	0	23.7	4	4	3	3	3	5	3	3	3	
65	TenderFreezer	20689	M ₁	76	1498	6.1	.68	8.9	1.7	-	-	-	35	60	5	-	-	8.0	MYB	1.0	20.7	3	4	4	4	2	4	3	4	3	
72	\$arecrop	1851	H ₁	77	1921	9.7	.84	7.3	1.7	-	-	-	15	55	30	-	-	5.67	LYB	0	18.2	3	3	4	4	4	2	4	3	3	
78	Golden Security	43009	A ₂	77	2205	9.7	.73	7.8	1.7	-	-	-	20	65	15	-	-	6.67	MYB	0	19.5	3	3	4	3	3	3	3	4	4	3
71	XP-1060	M 59183	A ₂	77	1621	9.3	.96	8.3	2.0	-	-	-	-	10	55	35	-	8.0	MYI	0.5	35.9	4	4	3	3	2	3	3	2	4	4
76	Victory Golden	23007F40	A ₂	77	1844	8.9	.80	8.2	1.7	-	-	20	30	40	5	5	-	7.33	MYB	0	23.8	3	3	3	4	4	4	3	4	4	4
82	SRS-339	20339		77	1729	8.9	.86	9.1	1.8	-	-	-	-	5	20	55	20	6.67	DYI	0	28.1	2	3	3	3	4	3	2	4	4	4
79	XP-171	M58497	A ₂	77	1852	8.8	.79	7.7	1.7	-	-	-	5	25	49	30	-	8.0	MYI	0.4	14.5	3	3	4	4	4	4	4	3	3	3
75	WK 87	3027/1994	N ₁	77	1636	8.7	.89	8.3	1.9	-	-	-	-	-	25	50	25	8.33	MYI	0	28.4	4	4	3	3	4	4	3	4	4	4
64	Golden Sensation WP	20569	M ₁	77	1659	8.5	.85	9.8	1.9	-	5	-	-	30	50	15	-	6.67	MYI	0	13.9	3	3	3	3	3	4	3	4	3	3
73	Sierra Gold	559	H ₂	77	1544	8.5	.92	8.8	1.9	-	-	-	10	20	50	15	5	7.0	MYB	0.5	22.0	4	3	4	5	3	4	4	4	4	3
83	Seneca Brave	1040	R ₁	77	1859	8.0	.72	8.2	1.7	-	5	15	30	50	-	-	-	7.67	DYB	1.3	23.8	3	3	3	4	3	4	3	3	3	4
81	Honeycross	6263	B ₁	77	1683	7.7	.76	8.4	1.8	-	-	20	30	50	-	-	-	7.0	DYB	0	24.7	3	4	3	4	3	4	3	4	4	4
77	Deep Gold	23031-F32	A ₂	77	1721	7.4	.72	8.3	1.9	-	-	-	-	15	55	25	5	9.33	MYB	0	17.8	3	4	2	3	3	4	3	3	3	4
66	Staygold	20359	M ₁	78	1951	9.7	.83	9.9	1.8	-	-	-	-	5	45	50	-	7.33	LYI	0	32.7	1	2	2	4	5	3	2	4	4	4

LSD @ 5% Level

201 0.9

Table 1 (concluded)

VC 61 , p. 6

SWEET CORN VARIETY TRIALS - COLUMBUS, OHIO, 1960

Row No.	VARIETY and Lot Number		Source	Days to First Harvest	Marketable Yield/Acre		Average Weight of Ears Unhusked	Average Length of Ears Husked	Average Diameter of Ears Husked	Percentage of Ears Having Given Number of Rows of Kernels								Average Depth of Kernel	Color Kernel	Ear Smut	Ear Worm	Ease of Snapping (1-5)	Shanks (1-5)	Flag Number (1-5)	Flag Length (1-5)	Tip Cover (1-5)	Silk Color (1-5)	Husk Color (1-5)	Husk Tightness (1-5)	General Uniformity (1-5)
					Dozens of Ears	Weight (Tons)				8	10	12	14	16	18	20	22													
				Doz.	Tons	Lbs.	In.	In.	%	%	%	%	%	%	%	mm		%	%						%					
8	Abbot & Cobb Early	149	A1	78	1621	8.9	.92	8.3	1.9	-	-	15	55	25	-	5	-	5.33	DY1	0	22.5	4	3	4	4	3	4	3	1	
74	XP-204	43506F30	A2	78	1852	8.5	.76	8.9	1.6	-	-	10	45	40	5	-	-	7.0	MYB	0	48.5	3	3	3	4	2	4	3	3	
84	Aristogold Bantam Evergreen	35477	M1	78	1590	8.3	.87	9.1	1.9	-	-	-	25	40	30	5	-	7.33	MY1	1.5	41.5	3	3	3	3	3	3	3	3	
67	Valleygold	20429	M1	78	2090	8.0	.63	8.7	1.6	-	-	5	50	40	5	-	-	6.67	MYB	0	40.9	2	3	3	4	2	3	3	4	3